

## SPECIFICATION SHEET

**VERSION** 3,00 **VERSION DATE** 31/05/22 **PRINT DATE** 17/07/24

**PRODUCT** METHYLIONONE COEUR GAMMA 95  
**APPLICATIONS** Industrial raw material not intended for direct use.  
**IUPAC NAME** 3-BUTEN-2-ONE,3-METHYL-4-(2,6,6-TRIMETHYL-2-CYCLOHEXEN-1-YL)  
**SYNONYMS** ISO-ALPHA-METHYLIONONE, ISORALDEINE 95, G-METHYLIONONE COEUR

**FORMULA** C14 H22 O  
**MOLECULAR WEIGHT** 206,30  
**CAS** 127-51-5  
**CAS 2** 1335-46-2  
**EINECS** 204-846-3  
**EINECS 2** 215-635-0  
**FEMA** 2714  
**TARIFF NUMBER** 2914230000

**REACH REGISTRATION NO.** Exempt from registration (imported/manufactured < 1 ton/year)

### SPECIFICATIONS

**ASPECT AT 20°C** CLEAR MOBILE LIQUID  
**COLOUR** PALE YELLOW  
**ODOUR** WOODY, VIOLET, FRUITY  
**TASTE**

**DENSITY AT 20°C (g / ml)** 0,929 - 0,935  
**DENSITY 25/25** -  
**REFRACTIVE INDEX nD20** 1,4990 - 1,5030  
**REFRACTIVE INDEX nD25** -  
**OPTICAL ROTATION (°)** /  
**BOILING POINT (°C)** 266,2  
**MELTING POINT (°C)** -  
**FLASH POINT (°C)** 106,00  
**ASSAY (% GC)** ISOMERS SUM > 95%; IONONE ISO-METHYL ALPHA: > 80%  
**ACID VALUE (mg KOH/g)** < 1  
**SOLUBILITY** NEARLY INSOLUBLE IN WATER: CA. 16 mg/l (20°C)  
**VAPOUR PRESSURE** NOT DETERMINED  
**OTHER SOLUBILITIES** SOLUBLE IN ETHANOL

### OTHER TECHNICAL DATA

### STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 24 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

WE BELIEVE THE ABOVE INFORMATION TO BE CORRECT BUT WE DO NOT PRESENT IT AS ALL INCLUSIVE AND AS SUCH SHOULD BE USED AS A GUIDE. IT IS THE SOLE RESPONSIBILITY OF THE RECEIVER OF OUR PRODUCT TO COMPLY WITH EXISTING REGULATIONS AND INSTRUCTIONS.